Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

SBR.No

No. 2nd & Final bill

Division : RR Nagar Division (For Other Works) Date.....20.....

Estimate Cost (Rs.) :-500.00 Lakhs Sub-Division : Yashwanthapura -Sub Division

Bill Received No .....

Scheduled Docket No: .....Dated.....Cash Book Voucher No.....dated.....

Name of Work (as per sanctioned estimate): Construction of Individual Houses in ward no 17 R R Nagar Constituency Head of Account : P- 3715R. No:

Job Code:-017-20-000021

Name of Contractor and Full Address:**Damodar manjunath (K Damodar And Co)**

Reference to Agreement No /Wo No: EE/RRND/WO.NO/000033/2021-22 Dt:-04/06/2021

Certified that the measurements were taken by me on 16/05/2022 and recorded of Pages No 667 667GHH 669 667GBSHGA

Of measurement Book No : 6677 and that the work is satisfactorily executed.

21-22

Signature of Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on..16/05/2022.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within			GST	Total
2)	Deduct amount to be held in reserve being.....percent Rs		Total Work Done	46108093	5532972	51641065
3)	" Balance		PDP	44686732	5362408	50049140
4)	Deduct Payment :		Present Bill Amount	1421361	170564	1591935
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....- Amount adjusted towards cash advance recovery of					
	b) Payments cost store or other materials supplied. Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque/Cash					
5)	Balance being unpaid value of work done held in reserve					
6)	Deduct cash advance made on the office Cash Book Voucher No..... date.....less adjustments					
7)	Net amount due to or from contractor Unadjusted items					
8)	Advance to contractor for materials brought to site (as detailed) within Government materials supplied					

	28427 -
SSCP	14214 -
CGST	14214 -
LR (Steps & Guard)	4500
LR (Sand)	
FSD	
VWC	
CBF	14214 -
Addj	76990 -
Cheque	1514935

Contractor's Signature

(For use in the Office)

Received Rs... .....(in works)

.....

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

Dated..... **Signature of Contractor**

Paid by me by cheque No..... Dated.....

Cash Rs..... Dated.....

Initials of Officer Making Payment

Audited and admitted for Rs. 1591925 -

Passed for Rs. 1514935

(Rupees fifteen lakh fourteen thousand nine hundred and thirty five only)

by adjustment 76990 -

Executive Engineer

Asst. Executive Engineer

Exe. Engineer

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement					Remarks
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
1	Dismantling Mangalore tiles roof A.C. sheet roofing. and stacking the material within a radius of 50 meters.	Sqm	1104.00	118.00	1104.00	130272.00	0.00	118.00	0.00	1104.00	130272.00	
2	KSRRB M200-14.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling brick/Tile work B. In cement mortar. MORTH Specification No. 202.	Cum	363.28	417.00	363.29	151488 151492.00	0.00	417.00	0.00	363.29	151488 151492.00	
3	KSRRB M100-4.2. Haulage of materials by tipper excluding cost of loading, unloading and stacking complete as per specifications. MORTH -100/ Chapter 1 Case-II : Unsurfaced Gravelled Road.	t.km	544.93	37.00	544.93	20162.00	0.00	37.00	0.00	544.93	20162.00	
4	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width,not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. (In Ordinary Soil)	Cum	937.28	355.00	937.28	332734.00	0.00	355.00	0.00	937.28	332734.00	
5	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width,not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. (In Hard Soil)	Cum	624.85	533.00	624.85	333045.00	0.00	533.00	0.00	624.85	333045.00	
6	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	466.51	6136.00	466.51	2862505.00	0.00	6136.00	0.00	466.51	2862505.00	
7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum	573.86	6859.00	550.06	3772844 4936106.00	23.80	6859.00	163262 163244.00	573.86	3936106 4099350.00	

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement				Total Expenses	Remarks
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
8	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons.	Sqm	1076.40	306.00	1076.40	329378.00	0.00	306.00	0.00	1076.40	329378.00	
9	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	Sqm	1737.76	541.00	1737.76	940133	0.00	541.00	0.00	1737.76	940133	
10	KSRB 5.2-3: Providing and constructing granite / trap / basali size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	476.23	5492.00	476.23	2615455.00	0.00	5492.00	0.00	476.23	2615455.00	
11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	511.03	239.00	511.03	122136.00	0.00	239.00	0.00	511.03	122136.00	
12	KSRB 2.5 : Earthwork excavation in soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications.	Cum	372.88	478.00	372.88	178237.00	0.00	478.00	0.00	372.88	178237.00	
13	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm	4309.39	1260.00	4309.39	5429831	0.00	1260.00	0.00	4309.39	5429831	
14	KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm	1316.43	1000.00	1316.43	1316430.00	0.00	1000.00	0.00	1316.43	1316430.00	
15	KSRB: 4.9.2: Providing TMT Bars of Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, fixing with binding wire and anchoring to the adjoining members wherever necessary complete as per design, (laps and wastages shall not be measured and paid) cost of materials, etc. complete as per specifications	Tonne	84.52	76500.00	84.52	6465780.00	0.00	76500.00	0.00	84.52	6465780.00	

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement					Km
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
16	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications.	Sqm	513.88	533.00	513.88	273898.00	0.00	533.00	0.00	513.88	273898.00	
17	KSRB 4-2.12 : Extra for providing throating or drip moulding to R.C.C. chajja with plastering (labour charges only) as per specifications.	Mtrs	807.30	39.00	561.90	21485.00	0.00	39.00	0.00	561.90	21485.00	
18	KSRB : 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for Chejja etc., including cost of all materials, labour complete as per specifications including all lead and lift charges etc., complete as per directions of Engineer in charge.	Sqm	513.88	383.00	513.88	196816.00	0.00	383.00	0.00	513.88	196816.00	
19	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum	415.10	7136.00	415.10	2962182.00	0.00	7136.00	0.00	415.10	2962182.00	
20	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.	Sqm	3338.91	347.00	2853.97	1158602.00	0.00	347.00	0.00	2853.97	1158602.00	
21	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.	Sqm	1918.89	522.00	1918.89	1001661.00	0.00	522.00	0.00	1918.89	1001661.00	

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement					
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
22	Providing and fixing RCC door frames factory manufactured, with C.C. 1:1 1/2 :3 reinforced with 3 Nos. of 6 mm dia. Main bars and 6 mm dia. Stirrups welded at 30 cm C/C, vibrating, curing including cost of steel and fabrication charges having 3 Nos. of hinges with 20mm x 3mm M.S. flat welded with required iron rods and flats with drilling and fixing 4 No.of flat screw nuts each in concrete for fixing hinges and making necessary provision in concrete for fixing aldrops, tower bolts etc., including cost of one coat of oil based enamel primer, 4 No.of hold fasts, 3 Nos. ISS Iron oxidised hinges necessary metal screws etc., complete. 60mm x 100 mm size-Door frames.	Mtrs	414.00	1035.00	414.00	428490.00	0.00	1035.00	0.00	414.00	428490.00	
23	Providing and fixing 65mmx125mm GRP Doorframe fabricated using E Glass Chopped Strand Mat (CSM) U.V- stabilized Isophthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam/Plaster of Paris with fibre reinforcement Six Numbers of 260mmx25mmx5mm sizeS shaped M.S. flat hold fast shall be provided with the frame.	Mtrs	414.00	653.00	414.00	270342.00	0.00	653.00	0.00	414.00	270342.00	
24	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the Salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RV/TIFAC Composites Design centre Standards and specifications and the door shutters tested in confirmation to IS 4020-1994. The finish of shutter will be plain colour White/Ivory/Beige/Light Grey or any other colour	Sqm	228.58	3561.00	228.58	813985.00	0.00	3561.00	0.00	228.58	813985.00	
25	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube of 2 No.s of 150mm long brackets of 15x15mm M.S Square tube of entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	sqm	207.00	555.00	207.00	114885.00	0.00	555.00	0.00	207.00	114885.00	

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement					
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
26	Supplying and fixing of PVC door shutters made of 20mmx200mm with the wall thickness of 1.0mm+/-0.1mm equally divided into 4 nos with tongue and groove locking arrangements. The shutter frame is made of 58x24mm with the wall thickness of 1.5mm+0.15mm section metricut and jointed at 4 corners with 125mm x 225mm 2 Nos of 8mm PVC rods. Teak wood battoms shall be reinforced inside the door shutter during the fabrication of the door shutters at those points whevere the hardware is fixed on to the door shutter, as per specifications.	Sqm	207.00	2119.00	207.00	438633.00	0.00	2119.00	0.00	207.00	438633.00	
27	Steel Windows with grill for residential buildings Providing and fixing of windows made of pre-painted steel (base steel as per IS 513 of 0.58mm tick galvanized as per IS 277 with zinc of 120GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7microns thick alkyd backer. Section for outer frame should be of 48x50mm, centre mullion should be of 48x50mm, section for shutter should be of 48x25mm and fixed glass beading section should be of 12x12mm. Outer frame and mullions to have rebate for glazed shutter and a 20mm provision for guard bars/grills. The sections are to be cut to length mitre joined with corner bracket. Centre mullion is to be fixed with mullion cap. Handle stay 2Nos of stainless steel heavy duty pivot hinges shall be provided for shutter. The window should be panelled with 5mm thick plain float glass. Rubber gaskets are to be provided all around the glass. The above frames should be fixed to the concrete/ masonry wall by means of self expanding screws, including 10mm square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.	Sqm	208.04	4460.00	148.55	662511 ~~927835.00~~	59.49	4460.00	265347 ~~265347.00~~	208.04	927858 ~~1157315.00~~	
28	Providing and laying plat form using prepolished, water cut / gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing.	Sqm	120.06	4184.00	120.06	502331.00	0.00	4184.00	0.00	120.06	502331.00	
29	Providing and Fixing Stainless Steel sink of sizes upto 60cms x 45cms in 20mm thick granite slab of by cutting required thickness and width of grooves and fixing using adhesives etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.	Each	69.00	6453.00	69.00	445257.00	0.00	6453.00	0.00	69.00	445257.00	
30	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	2795.88	282.00	2611.94	736568 ~~736568.00~~	0.00	282.00	0.00	2611.94	736568 ~~736568.00~~	

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement			Total Up to Present		Remarks
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
31	KSRB : 15.-3.3:-Providing 12mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering including Providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification.	Sqm	7981.40	229.00	6556.13	1501353 (1827741.00)	1425.27	229.00	326387.00	7981.40	1827740 (2154128.00)	
32	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.	Sqm	10777.28	38.00	9168.07	348387 (409537.00)	1609.21	38.00	61150.00	10777.28	409537 (470687.00)	
33	KSRB : 15-3.9:Providing 18 mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing etc., complete as per specifications for Out side plastering.	Sqm	6128.58	293.00	5433.99	1592158 (1795674.00)	694.59	293.00	203516.00	6128.58	1795674 (1999189.00)	
34	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Each	2277.00	348.00	1728.46	601504 (792336.00)	548.54	348.00	190892.00	2277.00	792336 (983788.00)	
35	KSRB15-4.6 Extra for providing and mixing waterproofing compound in cement plaster for birck masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick cost of materials complete as per specifications..	Sqm	2277.00	14.00	1728.46	24198 (31878.00)	0.00	14.00	0.00	1728.46	24198 (31878.00)	
36	KSRB 14.7-2 : Providing and laying red oxide flooring 40 mm thick, with an under layer of 30mm thick M-15 cement concrete, using broken granite metal of 12.5mm nominal size and top layer of 10mm thick plaster with 1:3 cement mortar mixed with red oxide (using 3.5 kg of red oxide per 50 kg of cement) finished with floating coat of neat cement mixed with red oxide (mix of same proportion) , including cost of materials, labour, curing, complete as per specifications.	Sqm	1870.59	789.00	1870.59	1475896.00	0.00	789.00	0.00	1870.59	1475896.00	
37	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	10777.28	131.00	9168.07	1201017 (1411824.00)	1609.21	131.00	210807.00	10777.28	1411824 (1672631.00)	
38	KSRB 15-16.1 : KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	6128.58	121.00	6128.58	741558 (1411824.00)	0.00	121.00	0.00	6128.58	1411824.00	
39	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	207.00	226.00	207.00	46782.00	0.00	226.00	0.00	207.00	46782.00	

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement				
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost
40	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.)	Rmtr	414.00	279.00	414.00	115506.00	0.00	279.00	0.00	414.00	115506.00
41	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) - 10cms x 7.5cms	Nos	138.00	297.00	138.00	40986.00	0.00	297.00	0.00	138.00	40986.00
42	Providing and fixing 7.5 - 15 cm N.P gratings 100mm dia	Each	138.00	178.00	138.00	24564.00	0.00	178.00	0.00	138.00	24564.00
43	SRB13-9.7 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	Mtrs	462.30	706.00	462.30	326384.00	0.00	706.00	0.00	462.30	326384.00
44	Making wall bores in block masonry for soil/water pipes including redoing with block in CM 1:4 for block masonry wall up to 0.45m width and as directed by Engineer in charge of the work	Each	207.00	150.00	207.00	31050.00	0.00	150.00	0.00	207.00	31050.00
45	Providing and fixing white vitreous china clay, water closet Indian type (squatting pan) of size 580mm with footrests, 100., S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour etc.,	Nos	69.00	1580.00	69.00	109020.00	0.00	1580.00	0.00	69.00	109020.00
46	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Short point upto 3 Mtr from tapping point to oulet via switch.	Each	345.00	176.00	345.00	60720.00	0.00	176.00	0.00	345.00	60720.00
47	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Medium point above 3Mtr upto 6Mtr from tapping point to outlet via switch.	Each	345.00	275.00	345.00	94875.00	0.00	275.00	0.00	345.00	94875.00
48	Supplying 6A flush/projected type socket and a 6 amps flush/projected type Sp switch either surface/flush mounting in a existing gand box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required.	Each	207.00	123.00	207.00	25461.00	0.00	123.00	0.00	207.00	25461.00

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SLNo	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement					Rm
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
49	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.	Each	207.00	85.00	207.00	17595.00	0.00	85.00	0.00	207.00	17595.00	
50	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulator etc, and fixing on existing wooden or metal box using N.F.screws.	Sqm	113298.00	0.30	113298.00	33989.00	0.00	0.30	0.00	113298.00	33989.00	
51	Supplying and fixing 6 Amps lamp holder	Each	690.00	64.00	690.00	44160.00	0.00	64.00	0.00	690.00	44160.00	
52	Supplying and fixing of round or oblong type bulk head fitting glass cover,other approved make.	Each	69.00	67.00	69.00	4623.00	0.00	67.00	0.00	69.00	4623.00	
53	Supplying and fixing of Modular MCB Devices (Tripper) With Breaking capacity of 6kA. 16-32Amps TP.	Each	69.00	734.00	69.00	50646.00	0.00	734.00	0.00	69.00	50646.00	
54	Supplying and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc. 8"*6"*6"	Each	69.00	70.00	69.00	4830.00	0.00	70.00	0.00	69.00	4830.00	
55	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends,metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG. 19/20mm dia 20mm thick.	Mtrs	1725.00	44.00	1725.00	75900.00	0.00	44.00	0.00	1725.00	75900.00	
56	Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe ….dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20mm dia 20mm thick.	Mtrs	1725.00	56.00	1725.00	96600.00	0.00	56.00	0.00	1725.00	96600.00	
57	Supplying and fixing polised wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc. 12"*12"*12.	Nos	138.00	165.00	138.00	22770.00	0.00	165.00	0.00	138.00	22770.00	
58	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc complete . 16amps	Nos	138.00	129.00	138.00	17802.00	0.00	129.00	0.00	138.00	17802.00	

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement				Remarks
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
59	Earthing: Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	Nos	69.00	3300.00	69.00	227700.00	0.00	3300.00	0.00	69.00	227700.00	
60	KSRB13-9.5 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 75mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Mtrs	367.08	504.00	367.08	185008.00	0.00	504.00	0.00	367.08	185008.00	
61	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	160.22	355.00	160.22	56877.00	0.00	355.00	0.00	160.22	56877.00	
62	KSRB13-9.7 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	Mtrs	414.00	706.00	414.00	292284.00	0.00	706.00	0.00	414.00	292284.00	
63	Constructing brick masonry inspection chamber 450x300mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.1 cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x300mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.1 cover withframe (light duty) 450x300mm	Nos	69.00	4511.00	69.00	311259.00	0.00	4511.00	0.00	69.00	311259.00	

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Sl.No	Description of work	Unit	Schedule B		Previous Measurement		Present Measurement					Rmr
			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
64	Refilling available earth around pipelines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead up to 50m. And lift up to 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item KSRB 2.3 (Qty Same As I.No. 1)	Cum	160.22	144.00	160.22	23071.00	0.00	144.00	0.00	160.22	23071.00	
	Total Amount					4468732			1621361		4610893	
	GST 12%					536408			170564		~~553072~~ 553072	
	Grand Total					~~5004140~~			~~1791925~~ 1791925		~~5163965~~ 5163965	

Certificate

1 The above work has been Completed satisfactorily
2 The debris has been removed and disposed from the work spot.
3 No. departmental issues are made to the contractor

Contractor Representative

Assistant Engineer
Ward No 17

ONE ENGINEERS & CONSULTANTS
Consultant Representative

Asst Executive Engineer
Yashwanthapura Sub Division
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